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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/824,355	04/02/2001	Edward J. Gottsman	05222.00108	7180
30498	7590	03/27/2006	EXAMINER	
ACCENTURE C/O VEDDER PRICE KAUFMAN & KAMMHOLZ, P.C. 222 NORTH LASALLE STREET CHICAGO, IL 60601			CORRIELUS, JEAN M	
			ART UNIT	PAPER NUMBER
			2162	

DATE MAILED: 03/27/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/824,355

Applicant(s)

GOTTSMAN, EDWARD J.

Examiner

Jean M. Corrielus

Art Unit

2162

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 23 January 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

### **DETAILED ACTION**

1. This office action is in response to the Request For Continued Examination (RCE) filed on January 23, 2006, in which claims 1-18 are presented for further examination.

#### ***Continued Examination Under 37 CFR 1.114***

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on January 23, 2006 has been entered.

#### ***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over May et al., (hereinafter "May") in view of Takeda US Patent 6,867,788.

As to claim 1, May discloses the claimed "displaying, in a matrix area on the display, a matrix having a plurality of cells and a plurality of icons displayed one or more of the cells" (see fig.2; col.18, lines 7-17; Fig.1A-Fig.1E has a matrix area (101) having a plurality of cells (cell 1-12)

and a plurality of icons displayed in one or more of the cells (specials; money; news; reference; program guide; col.5, lines 27-47; col.6, lines 44-63; col.7, lines 1-25; col.26, lines 60-65; col.24, lines 49-51); “receiving an icon selection signal in response to a user selecting one of the icons with the user interface selection device” by performing a searching function on the cells displayed matrix to provide access to the database (col.12, lines 7-25; col.18, lines 52-66); and “in response to the icon selection signal displaying a corresponding element” (col.18, lines 45-58; col.19, lines 9-45). May does not explicitly the use wherein the matrix displaying row headings and column heading and each icon corresponding to an element in the database. However, May discloses a database system, which attributes for the various objects used in the preferred implementation of the matrix architecture user interface in an object oriented environment. It is noted, however, such database disclosed by May has used to store information in tables rows and columns of data and conducts searches by using data in specified columns of one table to find additional data in another table. Applicant should duly note that in conducting searches, the database matches information in a corresponding field of another table to produce a third table that combines requested data from both tables (see May’s fig. 12). It would have been obvious to one of ordinary skill in the art of data processing, at the time the present invention was made to modify May’s system, wherein the database system provided therein (see May’s fig. 12). On the other hand, Takeda discloses the claimed “wherein the matrix displaying row headings and column heading and each icon corresponding to an element in the database” (col.2, lines 8-15; col.5, lines 1-14; col.6, lines 42-62; col.7, lines 1-17, lines 42-45). It would have been obvious to one having ordinary skill in the art at the time the invention was made to combine the teachings of the cited references, wherein the matrix architecture provided therein, (see May’s

fig.2) would incorporate the use wherein the matrix displaying row headings and column heading and each icon corresponding to an element in the database, in the same conventional manner as disclosed by Takeda. One having skill in the art would have found it motivated to use the visually superimposing detailed data of Takeda in order to better assure the integrity of the analysis results, thereby enabling users to make a determination by referring to data.

As to claim 2, May discloses the claimed features “wherein the row headings identify sources from which the elements are obtained, the column headings identifying subject matter to which the elements relate” (col.8, lines 5-60; fig.12).

As to claim 3, Takeda discloses the claimed features “changing a visually perceptible characteristic of one of the icons in response to step (b)” (col.2, lines 8-56; col.5, lines 1-14; col.6, lines 42-62; col.7, lines 1-17, lines 42-45).

As to claim 4, Takeda discloses the claimed “receiving from the user a search request input from a user input device” (col.2, lines 8-56; col.5, lines 1-14; col.6, lines 42-62; col.7, lines 1-17, lines 42-45); and “changing a visually perceptible characteristic of icons that correspond to elements that satisfy the search request” (col.2, lines 8-56; col.5, lines 1-14; col.6, lines 42-62; col.7, lines 1-17, lines 42-45).

As to claim 5, May discloses the claimed feature “periodically changing, without intervention by the user, the element that is displayed” (col.12, lines 30-39).

As to claim 6, May discloses the claimed feature “wherein the element comprises a textual image” (col.9, lines 35-47).

As to claim 7, the limitations of claim 7 have been noted in the rejection of claim 1 above. In addition, May discloses the claimed feature “wherein the element comprises a textual excerpt” (col.9, lines 35-47).

As to claim 8, May discloses the claimed feature “displaying in a title relating to the element” (col.5, lines 27-47); and “displaying in a source location a source of the element” (col.12, lines 15-25).

As to claim 9, Takeda discloses the claimed “wherein the user selects the icon by superimposing a pointing indicator on the icon” (col.2, lines 8-56; col.5, lines 1-14; col.6, lines 42-62; col.7, lines 1-17, lines 42-45).

As to claim 16, Takeda discloses the claimed “displaying a textual excerpt in a text location on the display corresponding to a user selected on the icons” ” (col.2, lines 8-56; col.5, lines 1-14; col.6, lines 42-62; col.7, lines 1-17, lines 42-45).

As to claim 17, May discloses the claimed feature “displaying each of the plurality of icons corresponding to an element in the database without text in the icon” (col.9, lines 35-47; 50-63; col.19, lines 1-35; col.18, lines 20-38, lines 55-67)

As to claim 18, Takeda discloses the claimed “displaying each icons corresponding to all data elements included in the database and a plurality of cells to visually indicate the distribution of data in the database” (col.2, lines 8-56; col.5, lines 1-14; col.6, lines 42-62; col.7, lines 1-17, lines 42-45).

As to claims 10-15


Claims 10-15 are computer readable medium for executing the method of claims 1-9 and 16-18, therefore, rejected under the same rationale.

### ***Conclusion***

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jean M. Corrielus whose telephone number is (571) 272-4032. The examiner can normally be reached on 10 hours shift.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached on (571) 272-4107. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Jean M Corrielus  
Primary Examiner  
Art Unit 2162

March 20, 2006